

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	99	("5629646" "5724501" "5978890" "6643822" "5974563" "5623625" "5675723" "5696895" "5781716" "5812751" "5812748" "5822512" "5829019" "5835953" "5978565" "6073222" "6085298" "6134673" "6292905" "6397307" "5519757" "4949287" "4758980" "5535384" "5009176" "5388166" "5450439" "5463235" "5558032" "5812873" "6128095" "6215699" "6215699" "6289507" "3614191" "4276183" "4291306" "4295218" "4357657" "4398260" "4403233" "4412745" "4449180" "4460980" "4462085" "4468742" "4481651" "4484816" "4520358" "4525804").pn. ("4529049" "4542411" "4567804" "4581492" "4595992" "4616327" "4618926" "4620287" "4624013" "4623978" "4630038" "4758835" "4758949" "4760600" "4763201" "4768115" "4774508" "4789914" "4794566" "4797751" "4821253" "4825361" "4843389" "4849902" "4853971" "4864109" "4870567" "4873679" "4875202" "4881180" "4889027" "4891760" "4899294" "4905185" "4916537" "4918299" "4933865" "4935880" "4939589" "4941193" "4945497" "4956813" "4962472" "4967396" "4967376" "4979224" "4979738" "4991117" "4993852" "5008830").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01

## EAST Search History

L2	100	("5629646" "5724501" "5978890" "6643822" "5974563" "5623625" "5675723" "5696895" "5781716" "5812751" "5812748" "5822512" "5829019" "5835953" "5978565" "6073222" "6085298" "6134673" "6292905" "6397307" "5519757" "4949287" "4758980" "5535384" "5009176" "5388166" "5450439" "5463235" "5558032" "5812873" "6128095" "6215699" "6215699" "6289507" "3614191" "4276183" "4291306" "4295218" "4357657" "4398260" "4403233" "4412745" "4449180" "4460980" "4462085" "4468742" "4481651" "4484816" "4520358" "4525804").pn. ("4529049" "4542411" "4567804" "4581492" "4595992" "4616327" "4618926" "4620287" "4624013" "4623978" "4630038" "4758835" "4758949" "4760600" "4763201" "4768115" "4774508" "4789914" "4794566" "4797751" "4821253" "4825361" "4843389" "4849902" "4853971" "4864109" "4870567" "4873679" "4875202" "4881180" "4889027" "4891760" "4899294" "4905185" "4916537" "4918299" "4933865" "4935880" "4939589" "4941193" "4945497" "4956813" "4962472" "4967396" "4967376" "4979224" "4979738" "4991117" "4993852" "5008830").pn. "20030131253"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L3	1	(L1 L2) and virus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L4	2	(L1 L2) and worm	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L5	17	(L1 L2) and (database (data adj management))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L6	49781	(database (data adj management)) and replicat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L7	9075	L6 and virtual	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01

## EAST Search History

L8	42	L6 and (virtual adj replica\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L9	11	L8 and virus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L10	483	L6 and (virtual with replica\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L11	52	L10 and virus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L12	0	L1 and virus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L13	14	L1 and valid\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L14	7	"6795966"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L15	0	713/200.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L16	0	L15 and virus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L17	0	L16 and (database (data adj management))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L18	0	L17 and virtual	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L19	0	L18 and replicat\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L20	1685	707/204.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L21	1204	L20 and (database (data adj management))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L22	355	L21 and replicat\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01

## EAST Search History

L23	135	L22 and virtual	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L24	11	L23 and virus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L25	83	"5086502"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L26	47	L25 and (database (data adj management))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L27	10	L26 and virus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L28	13	"6158019"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L29	1	"20030131253"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01

## EAST Search History

L30	99	("5629646" "5724501" "5978890" "6643822" "5974563" "5623625" "5675723" "5696895" "5781716" "5812751" "5812748" "5822512" "5829019" "5835953" "5978565" "6073222" "6085298" "6134673" "6292905" "6397307" "5519757" "4949287" "4758980" "5535384" "5009176" "5388166" "5450439" "5463235" "5558032" "5812873" "6128095" "6215699" "6215699" "6289507" "3614191" "4276183" "4291306" "4295218" "4357657" "4398260" "4403233" "4412745" "4449180" "4460980" "4462085" "4468742" "4481651" "4484816" "4520358" "4525804").pn. ("4529049" "4542411" "4567804" "4581492" "4595992" "4616327" "4618926" "4620287" "4624013" "4623978" "4630038" "4758835" "4758949" "4760600" "4763201" "4768115" "4774508" "4789914" "4794566" "4797751" "4821253" "4825361" "4843389" "4849902" "4853971" "4864109" "4870567" "4873679" "4875202" "4881180" "4889027" "4891760" "4899294" "4905185" "4916537" "4918299" "4933865" "4935880" "4939589" "4941193" "4945497" "4956813" "4962472" "4967396" "4967376" "4979224" "4979738" "4991117" "4993852" "5008830").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L31	959	(storage adj technology adj corporation).as.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L32	6	L31 and mirror-in-the-middle	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L33	7	(mirror-in-the-middle).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L34	10	(mirror-in-the-middle)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L35	4641	primary adj storage	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L36	1883	L35 and (random-access (random adj access) (random with access))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01

## EAST Search History

L37	407	L36 and mirror\$9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L38	64	L37 and virus\$2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L39	56	L38 and monitor\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L40	49	L39 and database	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L41	11	("6667831" "6937626" "6915315" "6732125" "6839819" "6898688") and database	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L42	1685	707/204.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L43	1204	L42 and (database (data adj management))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L44	355	L43 and replicat\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L45	135	L44 and virtual	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L46	7	"6795966"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01

## EAST Search History

L47	100	("5629646" "5724501" "5978890" "6643822" "5974563" "5623625" "5675723" "5696895" "5781716" "5812751" "5812748" "5822512" "5829019" "5835953" "5978565" "6073222" "6085298" "6134673" "6292905" "6397307" "5519757" "4949287" "4758980" "5535384" "5009176" "5388166" "5450439" "5463235" "5558032" "5812873" "6128095" "6215699" "6215699" "6289507" "3614191" "4276183" "4291306" "4295218" "4357657" "4398260" "4403233" "4412745" "4449180" "4460980" "4462085" "4468742" "4481651" "4484816" "4520358" "4525804").pn. ("4529049" "4542411" "4567804" "4581492" "4595992" "4616327" "4618926" "4620287" "4624013" "4623978" "4630038" "4758835" "4758949" "4760600" "4763201" "4768115" "4774508" "4789914" "4794566" "4797751" "4821253" "4825361" "4843389" "4849902" "4853971" "4864109" "4870567" "4873679" "4875202" "4881180" "4889027" "4891760" "4899294" "4905185" "4916537" "4918299" "4933865" "4935880" "4939589" "4941193" "4945497" "4956813" "4962472" "4967396" "4967376" "4979224" "4979738" "4991117" "4993852" "5008830").pn. "20030131253"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L48	17	(L30 L47) and (database (data adj management))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L49	11	L45 and virus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L50	13	L30 and mirror	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L51	49781	(database (data adj management)) and replicat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L52	483	L51 and (virtual with replica\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01

## EAST Search History

L53	2	(L30 L47) and worm	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L54	0	713/200.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L55	0	L54 and virus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L56	0	L55 and (database (data adj management))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L57	9075	L51 and virtual	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L58	14	L30 and valid\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L59	0	L30 and virus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L60	83	"5086502"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L61	47	L60 and (database (data adj management))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L62	10	L61 and virus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L63	1	"20030131253"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L64	0	L56 and virtual	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L65	52	L52 and virus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L66	42	L51 and (virtual adj replica\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L67	11	L66 and virus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01



## EAST Search History

L68	13	"6158019"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L69	0	L50 and virus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L70	1	(L30 L47) and virus	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L71	82	"5633999"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L72	0	L71 and virus.clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L73	3	L71 and (primary adj storage).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L74	0	L64 and replicat\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/16 06:01
L75	292	(virus and (backup adj (storage device memory)))".clm"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 06:29
L76	5	(virus and (backup adj (storage device memory))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 06:31
L77	30	"5901228"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 06:31
L78	0	I77 and (virus adj free)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 06:48
L79	6	I77 and virus.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/16 07:12